

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1.-14. (Canceled)

15. (New) A computer system comprising:

a storage system having a plurality of logical units defined and having one of said logical units as a command device;
a host computer that manages one or more first logical units of said plurality of logical units, and that does not manage one or more second logical units of said plurality of logical units; and

an application included on said host for controlling coupling operations of said first logical units, said application capable of issuing instructions for coupling operations to said command device;

wherein the storage system adds extended logical unit numbers used in coupling to a response of an inquiry command from said host to a specified logical unit, each said extended logical unit number including

a connection port,
a target ID, and

a logical unit number;

whereby the application obtains a list of extended logical unit numbers corresponding to said first logical units managed by the host;
wherein the application rejects a request of a coupling operation directed to logical units other than said first logical units corresponding to the extended logical unit numbers on the list, thereby inhibiting coupling operations directed to any logical units not managed by the host.

16. (New) The computer system of claim 15 wherein
said coupling operations are for copying said first logical units.

17. (New) The computer system of claim 15 wherein
the command device is shared between a plurality of ports.

18. (New) The computer system of claim 15 wherein
said host is capable of issuing a command for the coupling operation only via
the application.

19. (New) The computer system of claim 18 wherein
the command of the coupling operation is written into the command device as
data, and

the storage system processes the data written into the command device for performing the coupling operation.

20. (New) A method for controlling coupling operations of logical units, wherein a storage system includes a plurality of logical units and further includes a command device, wherein a host computer manages one or more first logical units of said plurality of logical units, and does not manage one or more second logical units of said plurality of logical units, said host including an application for controlling coupling operations of said first logical units, said application controlling the issuance of commands for coupling operations to said command device from said host, said method comprising:

adding, by the storage system, extended logical unit numbers used in coupling to a response of an inquiry command from said host to a specified logical unit, each said extended logical unit number including a connection port, a target ID, and a logical unit number;

obtaining, by the application, a list of extended logical unit numbers corresponding to said first logical units managed by the host;

rejecting, by the application, a request of a coupling operation by the host directed to logical units other than the first logical units corresponding to the extended logical unit numbers on the list, thereby inhibiting coupling operations directed to any logical units not managed by the host.

21. (New) The method of claim 20 further including the steps of
issuing a command of a coupling operation by the host for directing coupling
of the first logical units; and
receiving by the command device the command issued from the host.

22 (New) The method of claim 21 further including the step of
issuing the command only via the application.

23. (New) The method of claim 21 further including the step of
coupling, by the storage system, at least one of said first logical units
according to the command received by the command device.

24. (New) A computer system comprising:
a storage system having a plurality of logical units virtually defined and having
a command device, said command device being capable of receiving a command of
a coupling operation written into the command device as data;
a host computer that manages one or more first logical units of said plurality of
logical units, and that does not manage one or more second logical units of said
plurality of logical units; and
an application included on said host for controlling coupling operations of said
first logical units, said application issuing instructions for coupling operations to said
command device;

wherein the storage system adds extended logical unit information used in coupling to a response of an inquiry command from said host to a specified logical unit,

whereby the application obtains a list of extended logical unit information corresponding to said first logical units managed by the host,

wherein the application rejects a request of a coupling operation directed to logical units other than said first logical units corresponding to the extended logical unit information on the list, thereby inhibiting coupling operations directed to any logical units not managed by the host,

wherein the application writes the command of the coupling operation to the command device if the command is directed to one of said first logical units corresponding to the extended logical unit information on the list,

wherein the storage system processes the coupling operation in accordance with the command written to the command device.

25. (New) The computer system of claim 24 wherein
said coupling operation is for copying said first logical units.

26. (New) The computer system of claim 24 wherein
the command device is shared between a plurality of ports.

27. (New) The computer system of claim 24 wherein

said host is capable of issuing the command for the coupling operation only via the application.

28. (New) The computer system of claim 24 wherein

the command device is a logical device.

29. (New) The computer system of claim 24 wherein

said extended logical unit information includes

a connection port,

a target ID, and

a logical unit number.